

Bucket No. 295573US0PCT



MAIL STOP PCT
IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kazutoshi SHINDO, et al.

SERIAL NO: 10/591,603

GAU:

FILED: September 5, 2006

EXAMINER:

FOR: PROCESS FOR PRODUCING PICOLINIC ACID COMPOUNDS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

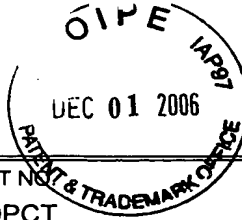
Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
295573US0PCTSERIAL NO.
10/591,603

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Kazutoshi SHINDO, et al.

FILING DATE

September 5, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AM	2003 269	01-07-03	JP (with English abstract and equivalent of US 2004086983)		NO
	AN	2000 69967	03-07-00	JP (with English abstract)		NO
	AO	5 3785	01-14-93	JP (with English abstract)		NO
	AP	55 307	01-05-80	JP (with English abstract)		NO
	AQ					
	AR					
	AS					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	TAIRA, Kazunari et al., "Analysis of bph Operon from the Polychlorinated Biphenyl-Degrading Strain of Pseudomonas Pseudoalcaligenes KF707", The Journal of Biological Chemistry, Vol. 267, No. 7, pgs. 4844-4853, 1992.				
	AU	ERICKSON, Bruce D. et al., "Nucleotide Sequencing and Transcriptional Mapping of the Genes Encoding Biphenyl Dioxygenase, a Multicomponent Polychlorinated-Biphenyl-Degrading Enzyme in Pseudomonas Strain LB400", Journal of Bacteriology, Vol. 174, No. 9, pgs. 2903-2912, 1992.				
		SUENAGA, Hikaru et al., "Emergence of Multifunctional Oxygenase Activities by Random Priming Recombination", The Journal of Biological Chemistry, Vol. 276, No. 25, pgs. 22500-22506, 2001.				
	AW	ASANO, Yasuhisa et al., "Catechol 2,3-Dioxygenase-Catalyzed Synthesis of Picolinic Acid from Catechols", Biosci. Biotech. Biochem., Vol. 58, No. 11, pgs. 2054-2056, 1994.				
	AX	SPAIN, Jim C. et al., "Production of 6-Phenylacetylene Picolinic Acid from Diphenylacetylene by a Toluene-Degrading Acinetobacter Strain", Applied and Environmental Microbiology, Vol. 69, No. 7, pgs. 4037-4042, 2003.				
	AY					
	AZ					

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.